

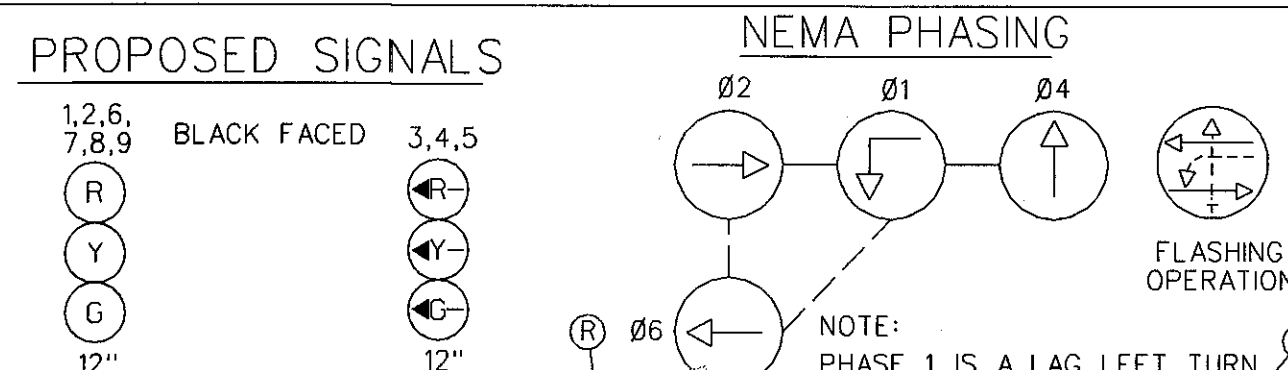
MD 170 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

TO MATHISON WAY

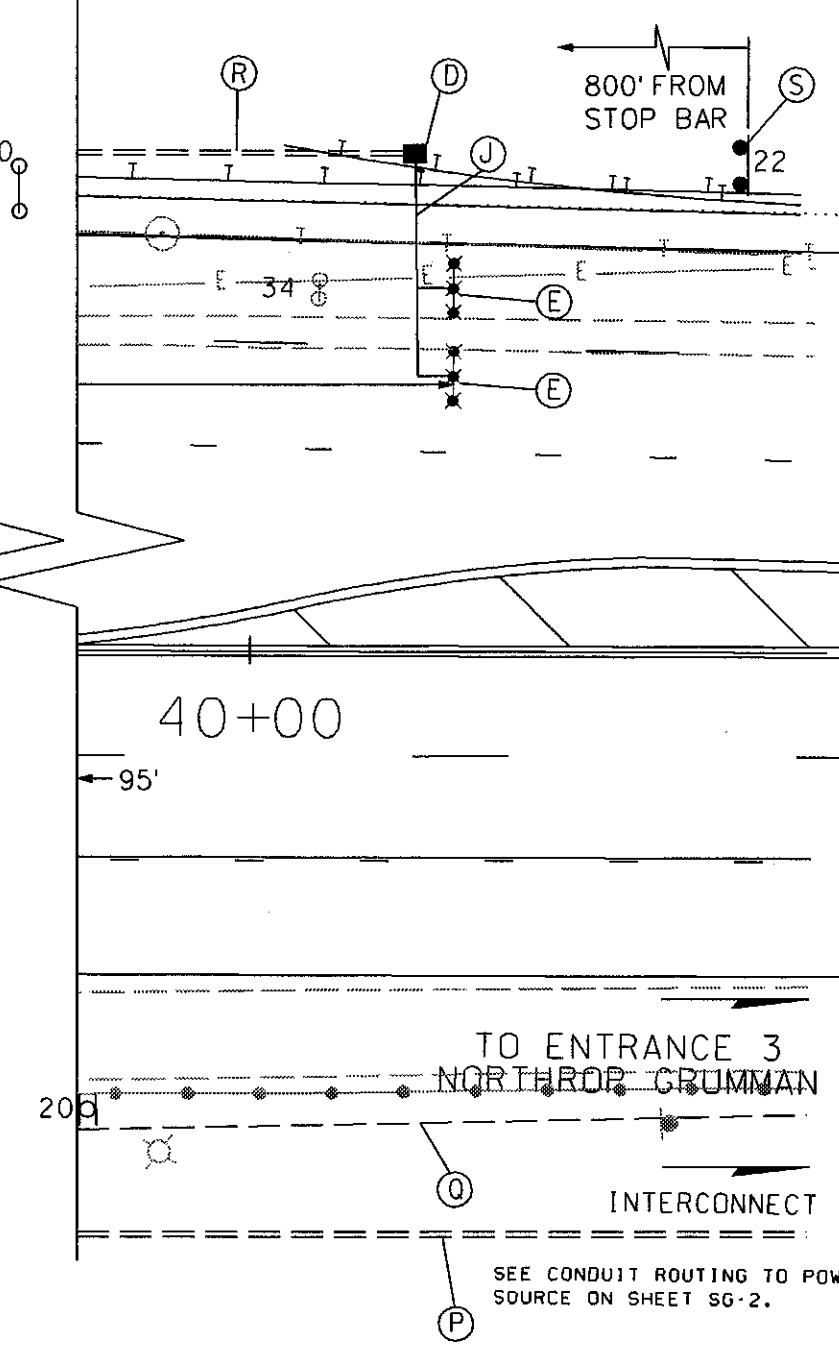
STA. 34+39

INTERCONNECT TO MATHISON WAY

800' FROM STOP BAR



F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			



PROPOSED SIGNS

10,11,12,15
Stoney Run Rd
D3-2 (DUAL FACED)
16" x VARIABLE

13,14
ONLY
R3-5L
30" x 36"

16
Aviation Blvd
D3-2 (SINGLE FACED)
16" x VARIABLE

17
SOUTH MARYLAND
170
48" x 75"

18
NORTH MARYLAND
170
30" x 51"

21,22
Stoney Run Rd Next Signal
D3-3
48" x 30"

39
W4-1R
36" x 36"

EXISTING SIGNS

20
YIELD
R1-2
36" x 36"

23,24
W16-1
18" x 18"

25
R4-7
24" x 30"

26,27
DO NOT ENTER
R5-1
36" x 36"

28,29,30
WRONG WAY
R5-1A
36" x 24"

35
EXIT 25 MPH
W13-2
24" x 30"

36
W4-1R
36" x 36"

40
Stoney Run Rd
Pre Flight Parking

33
Stoney Run Rd
Pre Flight Parking

SIGNS TO BE REMOVED

31
W4-3R
36" x 36"

37
STOP
R1-1
30" x 30"

LEGEND OF UTILITIES

- A — A — AERIAL
- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- T — T — TELEPHONE CABLES
- C — C — CABLE TELEVISION

- CONSTRUCTION DETAILS**
- INSTALL STEEL POLE OF HEIGHT 27 FEET, WITH TWIN 50, 60 FOOT MAST ARMS, SIGNAL HEADS AND SIGNS, AND 20 FOOT LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE.
 - INSTALL STEEL POLE OF HEIGHT 27 FEET, WITH 38 FOOT MAST ARM, SIGNAL HEADS AND SIGNS.
 - REMOVE EXISTING CABINET INSTALL NEMA SIZE SIX (6) PHASE BASE MOUNTED CABINET AND CONTROLLER WITH TELEMETRY MODULE. (INSTALL UTILITY SERVICE EQUIPMENT 120/240 VOLTS 60 AMPS)
 - INSTALL HANDHOLE
 - INSTALL MICRO PROBE LOOPS - 1000 FOOT LEAD IN
 - INSTALL MICRO PROBE LOOPS - 500 FOOT LEAD IN
 - INSTALL 2" SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT - TRENCHED
 - INSTALL 3" SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT - BORED
 - INSTALL 6 FOOT X 30 FOOT LOOP DETECTOR IN 1/4 IN. FLEXIBLE TUBING (3-6-3 TURNS)
 - INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
 - INSTALL 24 INCH WHITE PERMANENT PREFORMED HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
 - EXISTING 4" CONDUIT
 - EXISTING 4" CONDUIT
 - INSTALL 4" SCHEDULE 80 PVC CONDUIT BORED WITH PULL STRING FOR ELECTRICAL SERVICE
 - USE EXISTING HANDHOLES AS REQUIRED
 - INSTALL 4" SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT - TRENCHED
 - EXISTING 3" SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT
 - INSTALL 3" SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT - TRENCHED
 - INSTALL GROUND-MOUNTED SIGN
 - EXISTING 3" SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT
 - PROPOSED TRANSFORMER BY OTHERS

- GENERAL NOTES**
- INSTALL TRENCHED CONDUIT PRIOR TO ROADWAY SURFACING.
 - PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
 - THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
 - PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
 - FOR ADDITIONAL SIGNING AND PAVEMENT MARKING, SEE SIGNING AND PAVEMENT MARKING PLAN SHEETS.
 - STREET NAME AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
 - ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
 - ALL UNDER GROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
 - HANDHOLES SHALL BE SPACED AT A MAXIMUM OF 200' APART.

REVISIONS	APPROVALS	MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
	<i>Matthew P. L.</i> 11-1-02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	SIGNAL PLAN - MD 170 (AVIATION BLVD) AND STONEY RUN RD			
	<i>for Dominick Rafanelli</i> ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION				
	<i>2/28/01</i> CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION				
	<i>2/28/01</i> DIRECTOR, TRAFFIC & SAFETY				
		DRAWN BY: DBERRILL	F.A.P. NO. SEE TITLE SHEET	TS NO. 4067	SHEET NO. 42 OF 43
		CHECKED BY: EMILLER	S.H.A. NO. AA2895187	T.I.M.S. NO. E 467	
		SCALE: 1"=20'	COUNTY: ANNE ARUNDEL		
		DATE: 11/01/02	LOG MILE: 02017007.15		



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